



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.  
8501 NW 90<sup>th</sup> Street  
Medley, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Series 9000 Aluminum Sliding Glass Door

**APPROVAL DOCUMENT:** Drawing No. W99-32, titled "Series 9000 Alum. Sld. Glass Door", sheets 1 through 6, prepared, signed and sealed by Humayoun Farooq, P.E., dated 5/28/02, bearing the Miami-Dade County Product Control Renewal with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **renews NOA # 99-0517.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman**.



NOA No 02-0618.03  
Expiration Date: August 26, 2007  
Approval Date: July 25, 2002  
Page 1



**Lawson Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W99-32**, titled "Series 9000 Alum. Sld. Glass Door", sheets 1 through 6, prepared, signed and sealed by Humayoun Farooq, P.E., dated 5/28/02.

**B. TESTS**

See NOA 99-0517.02

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by Al Farooq Corporation, dated 5/28/02, signed and sealed by Humayoun Farooq, P.E.

**D. MATERIAL CERTIFICATIONS**

See NOA 99-0517.02

**E. STATEMENTS**

See NOA 99-0517.02

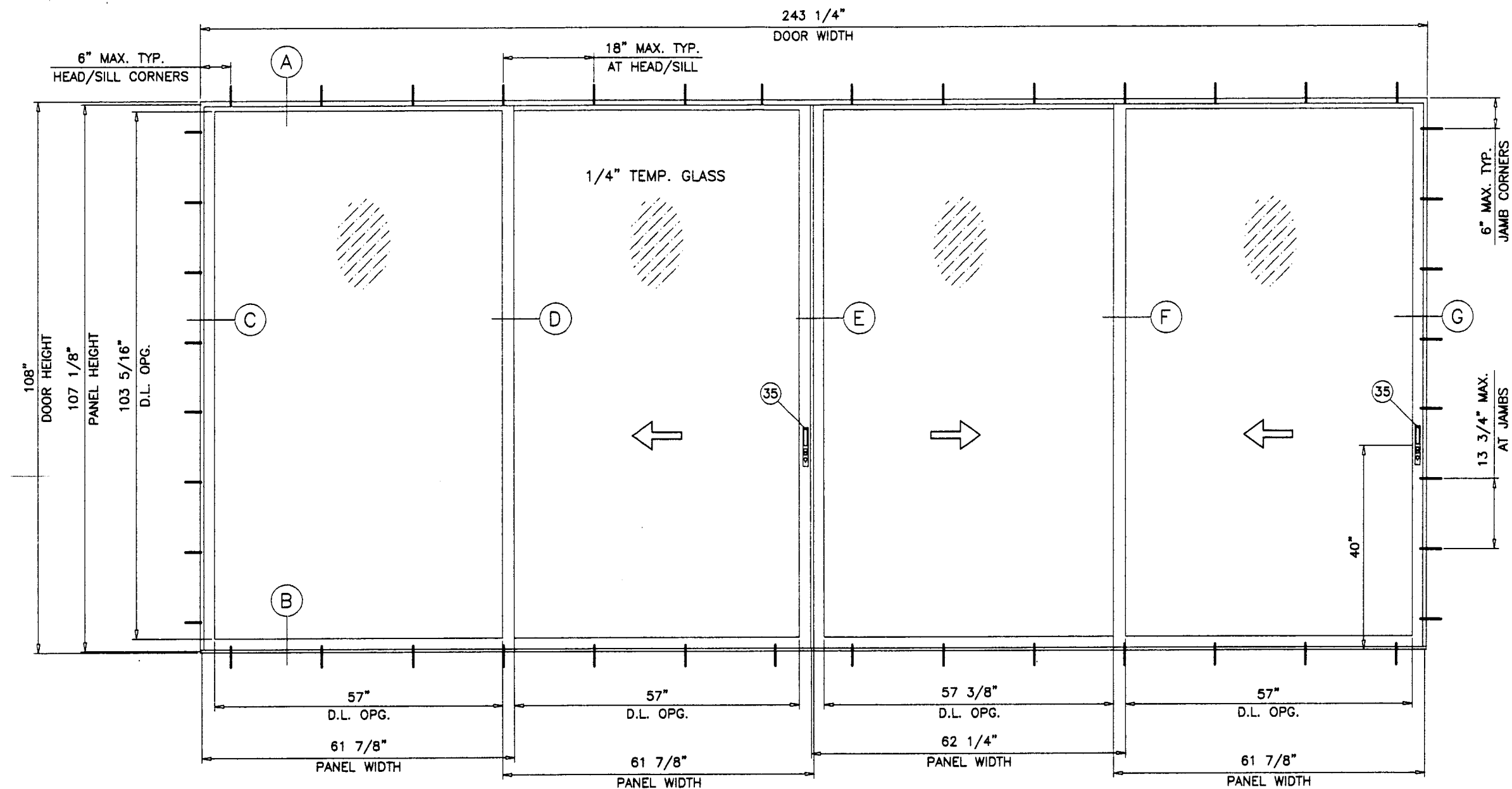
**F. OTHER**

NOA 99-0517.02

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Theodore Berman, P.E.  
Deputy Director, Product Control Division  
NOA No 02-0618.03  
Expiration Date: August 26, 2007  
Approval Date: July 25, 2002





TYPICAL ELEVATION  
TESTED UNIT (OXXX)

NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

THIS APPROVES DOORS USING TWO (2) OR THREE (3) TRACK FRAMES WITH ANY NUMBER OF PANELS THAT CONTAIN THE STILE CONFIGURATIONS SHOWN IN SHEETS 3 AND 5, I.E. XX, OX, XO, XXX, OXO, OXXO

DOORS TO BE PROTECTED BY  
DADE COUNTY APPROVED  
IMPACT RESISTANT SHUTTERS

Engr: DR. HUMAYUN FAROQ  
STRUCTURES  
FLA. PE # 18537

MAY 28 2002

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 01-0618.03  
Expiration Date August 26, 2007

By: *Glenn Berman*  
Miami Dade Product Control  
Division

DESIGN LOAD CAPACITY - PSF

PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	1/4" TEMP. GLASS							
		1-3/4" SILL		2-1/4" SILL		2-1/2" SILL		3" SILL	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	40.7	77.8	56.7	77.8	63.3	77.8	77.8	77.8
3/0		40.7	77.8	56.7	77.8	63.3	77.8	77.8	77.8
4/0		40.7	77.8	56.7	77.8	63.3	77.8	77.8	77.8
5/0		40.7	73.3	56.7	73.3	63.3	73.3	73.3	73.3
2/6	8/0	40.7	64.8	56.7	64.8	63.3	64.8	64.8	64.8
3/0		40.7	64.8	56.7	64.8	63.3	64.8	64.8	64.8
4/0		40.7	63.0	56.7	63.0	63.0	63.0	63.0	63.0
5/0		40.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4
2/6	9/0	40.7	57.6	56.7	57.6	57.6	57.6	57.6	57.6
3/0		40.7	57.6	56.7	57.6	57.6	57.6	57.6	57.6
4/0		40.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
5/0		40.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7

USE EXT. DESIGN LOADS SHOWN ABOVE FOR INSTALLATIONS WHERE WATER INFILTRATION REQUIREMENTS MUST BE MET.  
USE EXT. LOAD = INT. LOAD FOR INSTALLATIONS WHERE WATER INFILTRATION REQUIREMENTS ARE NOT APPLICABLE.

AL-FAROOQ CORPORATION

ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 9000 ALUM. SLD. GLASS DOOR

LAWSON INDUSTRIES INC.

7030 N.W. 37 TH. COURT

MIAMI, FL. 33147

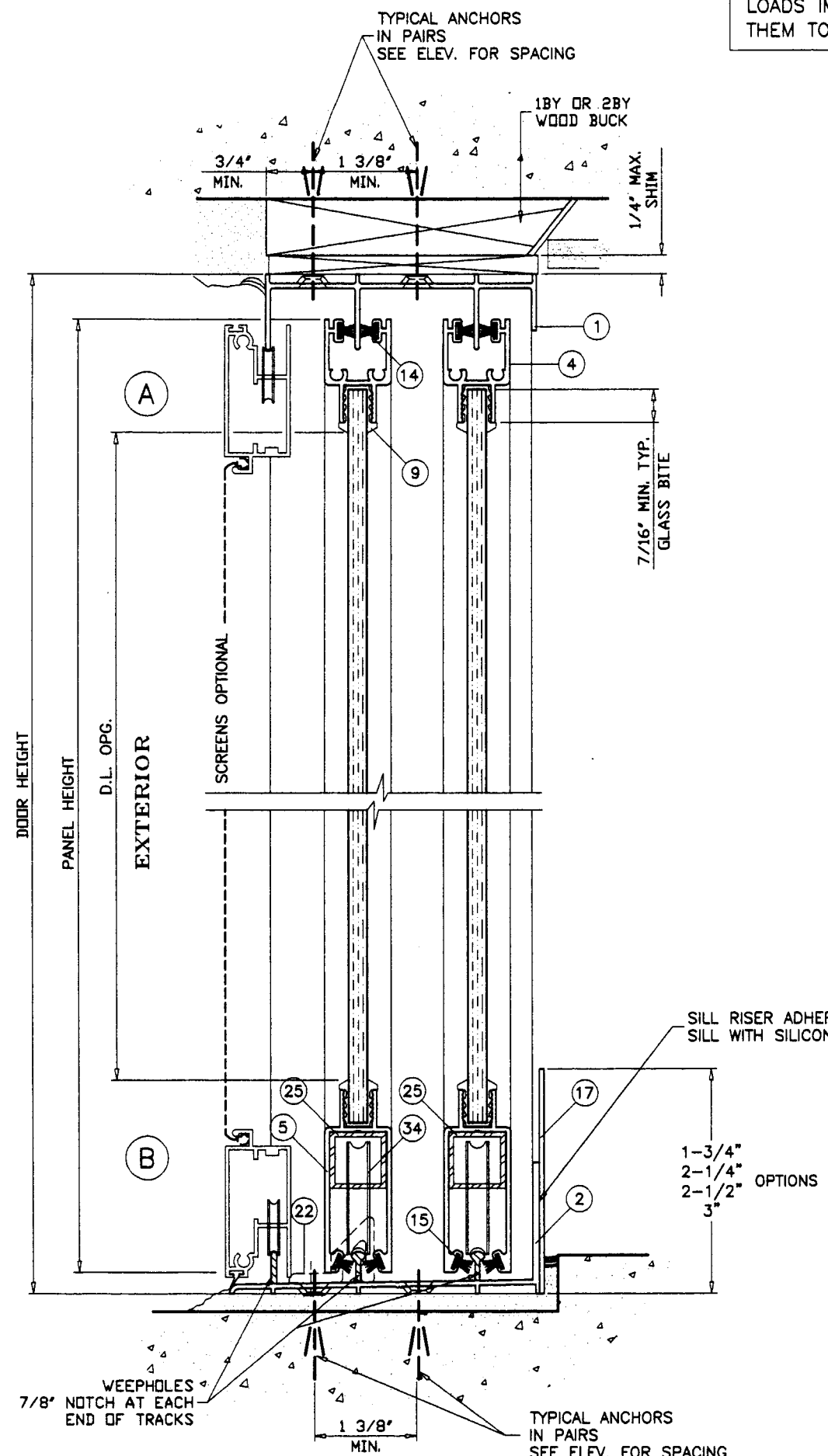
TEL. (305) 696-8660

revisions:	no.	date	by	description
	A	7.13.99		GENERAL REVISION
	B	05.24.02		APPLICABLE CODE REV.

date:	04-23-99
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
W99-32

sheet 1 of 6



WOOD BUCKS NOT BY LAWSON IND., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:**

3/16" TAPCONS BY ELCO, OR  
 AN EQUAL SELF TAPPING CONC. ANCHOR HOLDING A CURRENT NOA.  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY  
 1-1/2" MIN. EMBED INTO MASONRY

**SEALANTS:**

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND  
 HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALANT.

**TWO (2) TRACK SECTION**

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 18557  
 MAY 28 2002

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 01-0618.03  
 Expiration Date August 26, 2007  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

**AL-FAROOQ CORPORATION**  
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 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL W99-32LI

**LAWSON INDUSTRIES INC.**  
 7030 N.W. 37 TH. COURT  
 MIAMI, FL. 33147  
 TEL. (305) 696-8660

Revisions:	
no	date by description

date: 04-23-99

scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.  
**W99-32**

sheet 2 of 6

TYPICAL ANCHORS  
— IN PAIRS  
SEE ELEV. FOR SPACING

1BY OR 2BY  
WOOD BUCK

INACTIVE PANEL

ACTIVE PANEL

TOP AND BOTTOM  
OF ASTRAGAL STILE  
TO BE SEALED WITH  
URETHANE FOAM

ACTIVE PANEL

ACTIVE PANEL

TYPICAL ANCHORS  
IN PAIRS  
SEE ELEV. FOR SPACING

1/4" SHIM  
MAX.

91/16

# 10 SMS  
2/ CLIP

#10 X 1-1/4" SMS  
- OR 3/16" TAPCONS  
2/ CLIP

#10 X 1-1/4" SMS  
OR 3/16" TAPCONS  
2/ CLIP

CLIP AT  
SILL END ONLY

CLIPS TO BE LOCATED  
IN FRAME HEAD AND SILL  
AT TOP & BOTTOM OF INTERLOCKS

EXTERIOR  
DOOR WIDTH

TWO (2) TRACK SECTION  
HEAVY REINFORCEMENT

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557

~~MAY 28 2002~~

**PRODUCT RENEWED**  
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Expiration Date August 28, 2007

By Therese Berman  
Miami Dade Product Control  
Division

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date: 04-23-99  
scale: 1/2" = 1"  
dr. by: HAMID

drawing no

W99-32

sheet 3 of 6

SERIES 9000 ALUM. SLD. GLASS DOOR

**LAWSON INDUSTRIES INC.**

7030 N.W. 37 TH. COURT

MIAMI, FL. 33147

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**AL-FAROOQ CORPORATION**

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ENGINEERS, PLANNERS & PRODUCT DESIGN

ENGINEERS, PLANNING  
1235 SW 87 AVE

MIAMI, FLORIDA 33174

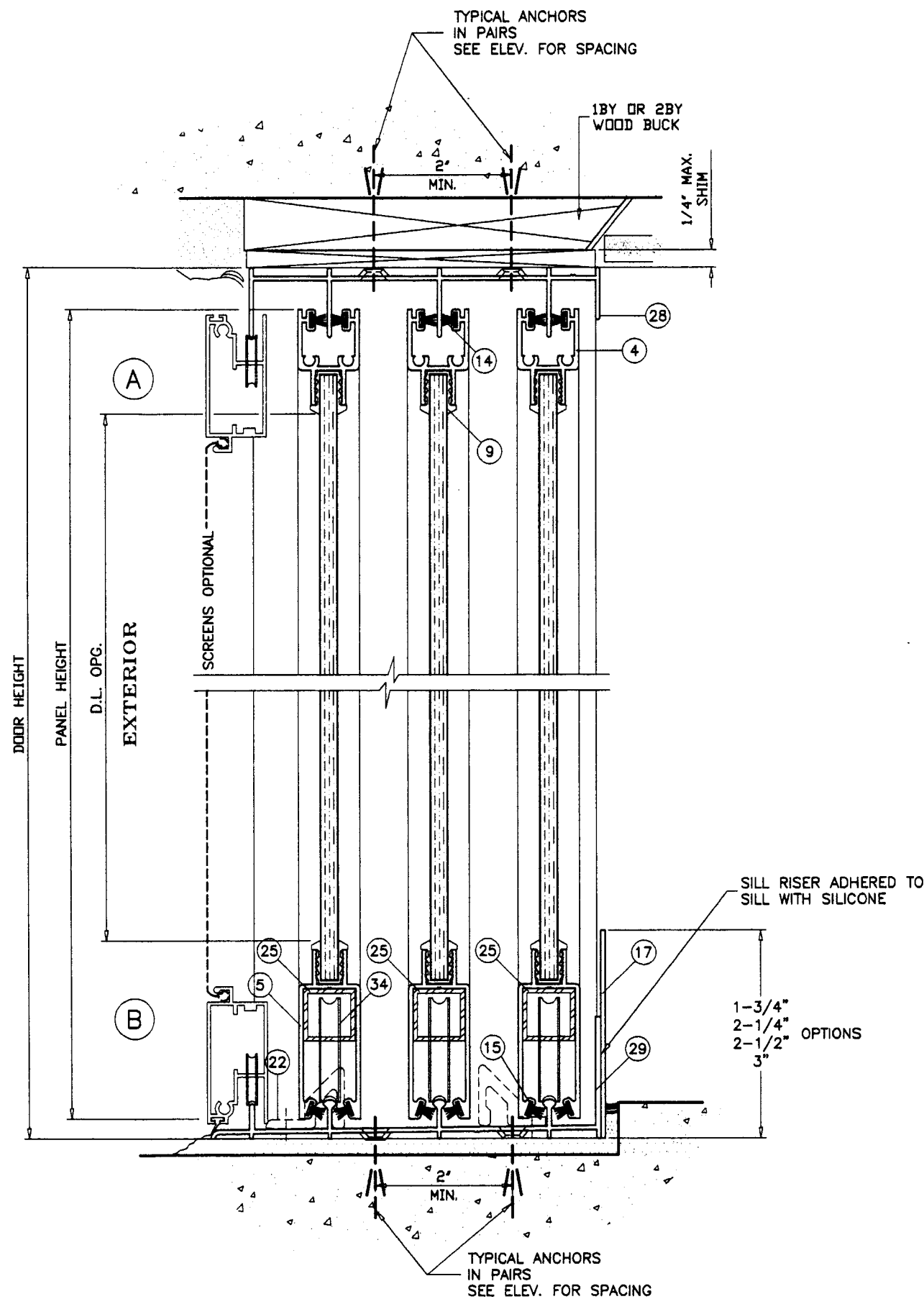
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\

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COMP-ANL\W99-32LI

WOOD BUCKS NOT BY LAWSON IND., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



THREE (3) TRACK SECTION

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-9001	1	FRAME HEAD (2 TRACK)	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
2	L-9002	1	FRAME SILL (2 TRACK)	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
3	L-9003	2	FRAME JAMB (2 TRACK)	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
4	L-9004	1/ PANEL	PANEL TOP RAIL	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
5	L-9005	1/ PANEL	PANEL BOTTOM RAIL	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
6	L-9006	AS REQD.	LOCK STILE / FIXED STILE	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
7	L-9007	AS REQD.	SINGLE INTERLOCK STILE	6063-T5 ALUM.	ALUMAX, WELLS OR EQUIV.
8	L-9008	AS REQD.	ASTRAGAL STILE	6063-T6 ALUM.	ALUMAX, WELLS OR EQUIV.
9	1292-0001	AS REQD.	1/4\" GLAZING CHANNEL	VINYL	#1292 - WIBORG
10	FS-011	4/ PANEL	PANEL ASS'Y SCREW • TOP RAIL		#10 x 5/8\" P.H. - PHILLIPS
11	FS-034	2/ PANEL	PANEL ASS'Y SCREW • BOTTOM RAIL	-	#10-24 X 1\" P.H.-PHIL./ \"T\"
12	FS-028	8	FRAME ASSEMBLY SCREW	-	#8 X 7/16\" P.H.-PHIL. / SMS
13	7519-6001-7	AS REQD.	PILE WTS'P. • JAMB/ASTRAGAL	-	(0.187\"w. x 0.200\"h.)-Schlegel
14	7524-6001-6	AS REQD.	PILE WTS'P. • TOP RAILS	-	(0.187\"w. x 0.250\"h.)-Schlegel
15	7529-6001-7	AS REQD.	PILE WTS'P. • BOTTOM RAILS	-	(0.187\"w. x 0.300\"h.)-Schlegel
16	7520-5001-7	AS REQD.	PILE WTS'P. • INTERLOCKS	-	(0.187\"w. x 0.210\"h.)-Schlegel
17		AS REQD.	SILL RISER	ALUMINUM	SILICONED IN PLACE
18	L-9018	3 OR 4 *	FIXED PANEL JAMB CLIP	6063-T5 ALUM.	GW-27153
19	FS-029	1/ CLIP	FIXED PANEL CLIP SCREW	-	#8 X 5/8\" PH.-PHI / SDS
20	AR-001	1	FIXED INTERLOCK ANGLE	ALUMINUM	3\"x 1 1/2\"x 1 9/16\"x 1/8\"
21	AR-002	1	MOVING INTERLOCK ANGLE/CLIP	ALUMINUM	1 1/2\" X 3/4\" X 2\" X 1/8\"
22	L-9022	1	ASTRAGAL RETAINER CLIP	6063-T6 ALUM.	AF-10798
23	AR-020	AS REQD.	REINF. • SINGLE INTERLOCK	STEEL	1/2\" X 1 1/4\" BAR
24	AR-021	AS REQD.	REINF. • DOUBLE INTERLOCK\ASTRAGAL	STEEL	1/2\" X 1 1/2\" BAR
25	AR-023	1	REINF. • BOTT. RAIL	ALUMINUM	3/4\" X 3/4\" X .062\" TUBE
26	AR-024	AS REQD.	REINF. STEEL • INTERLOCK	STEEL	1/4\" x 1\" BAR
27	*	OPTIONAL	SCREEN JAMB ADAPTER	6063-T6 ALUM.	-
28	L-9028	1	FRAME HEAD (3 TRACK)	6063-T5 ALUM.	-
29	L-9029	1	FRAME SILL (3 TRACK)	6063-T5 ALUM.	-
30	L-9030	2	FRAME JAMB (3 TRACK)	6063-T5 ALUM.	-
31	L-9031	AS REQD.	DOUBLE INTERLOCK STILE	6063-T6 ALUM.	-
32	1071a	2/ PANEL	PANEL TOP GUIDE	NYLON	-
33	1072a	2/ PANEL	PANEL BOTTOM GUIDE	NYLON	-
34	HW4-WHL	2/ PANEL	PANEL SINGLE ROLLER		6 COMPONENT - ASS'Y 150
35	HC-038	AS REQ'D.	DOOR LOCK ASSEMBLY	-	INT. & EXT. PULLS, CAM, KEEPER

\* 4 ON 9/0 HIGH DOORS ONLY

Eng: OP. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 18557

MAY 28 2002

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 02-0618-03  
Expiration Date August 26, 2007

By: *[Signature]*  
Miami Dade Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL-W99-32L1

SERIES 9000 ALUM. SLD. GLASS DOOR

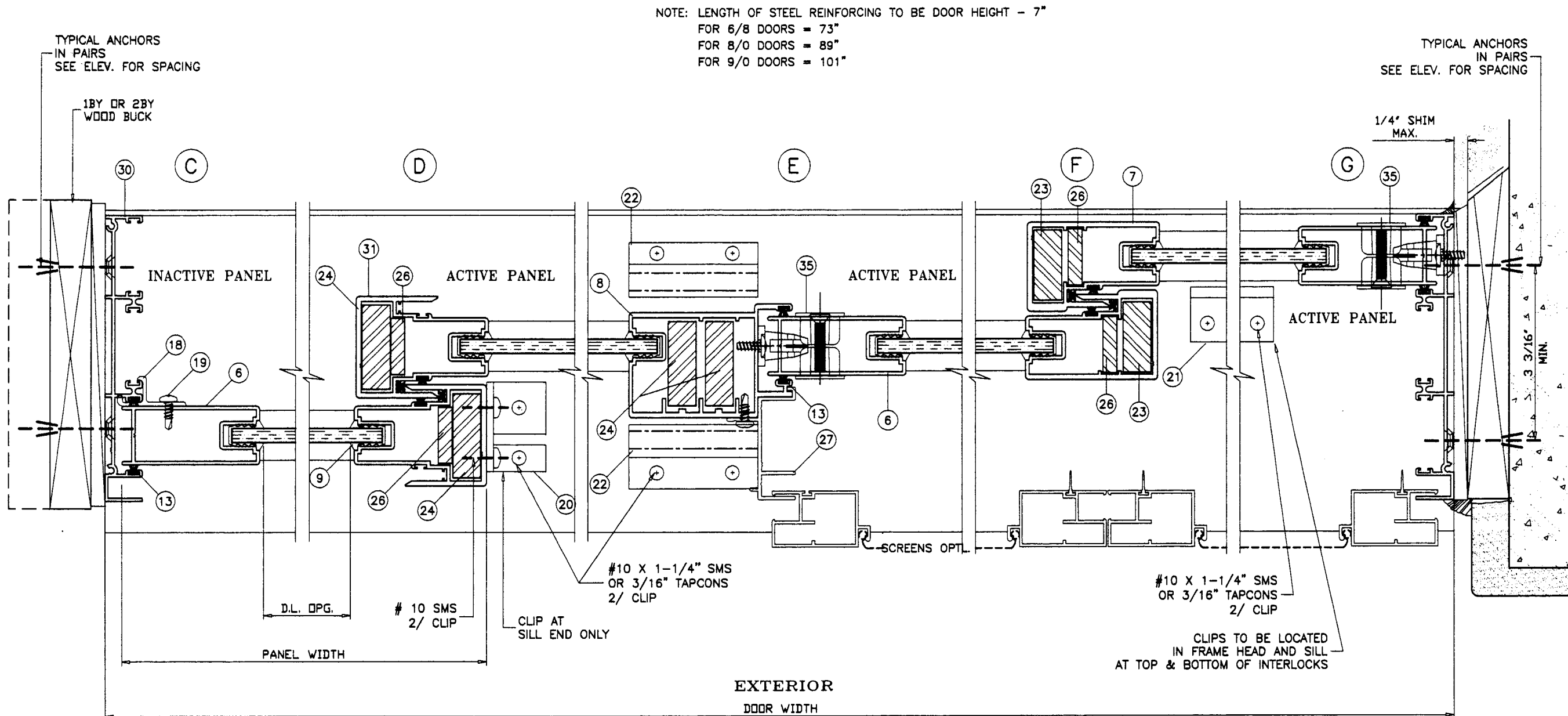
**LAWSON INDUSTRIES INC.**  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
TEL (305) 696-8660

revisions:  
no date by description


date: 04-23-99  
scale: 1/2\" = 1\"  
dr. by: HAMID  
chk. by:

drawing no.  
**W99-32**  
sheet 4 of 6





THREE (3) TRACK SECTION  
 HEAVY REINFORCEMENT

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557

MAY 28 2002

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By *William J. Hamid*  
 Miami Dade Product Control  
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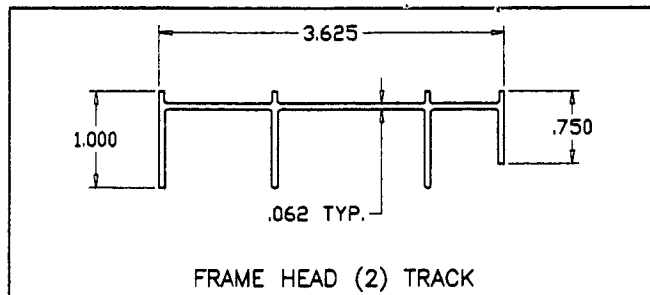
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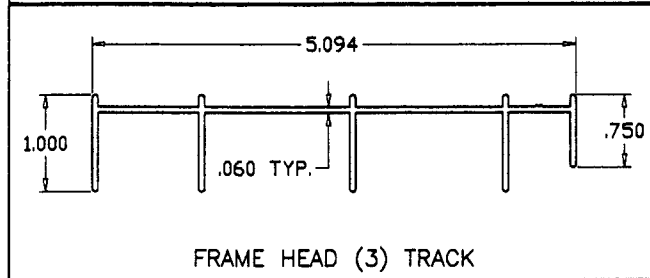
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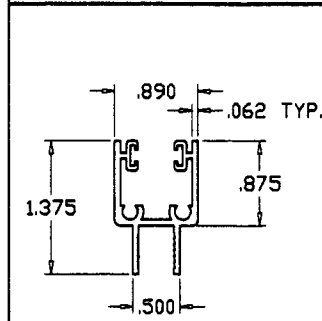
sheet 5 of 6



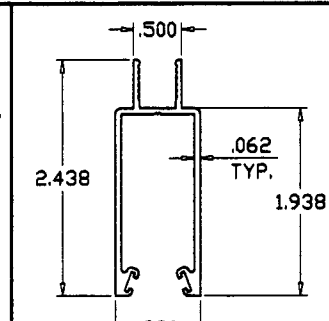
FRAME HEAD (2) TRACK



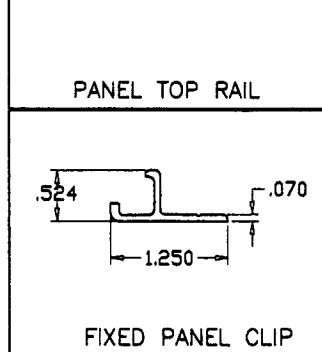
FRAME HEAD (3) TRACK



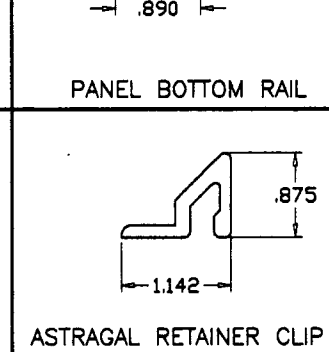
PANEL TOP RAIL



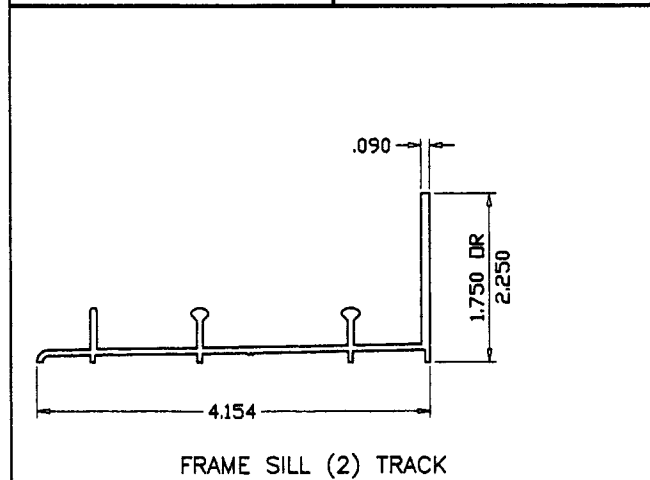
PANEL BOTTOM RAIL



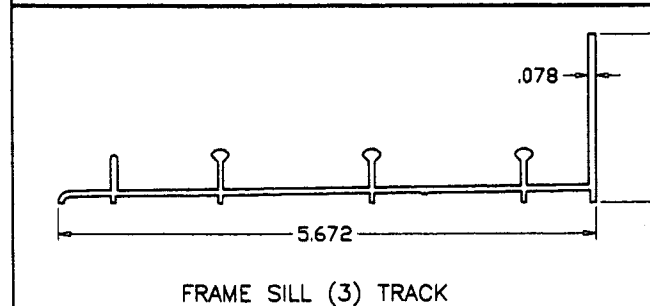
FIXED PANEL CLIP



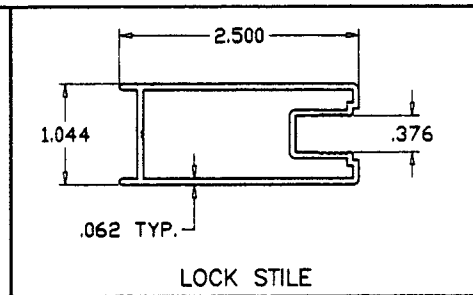
ASTRAGAL RETAINER CLIP



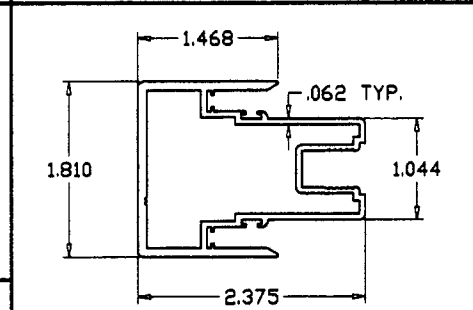
FRAME SILL (2) TRACK



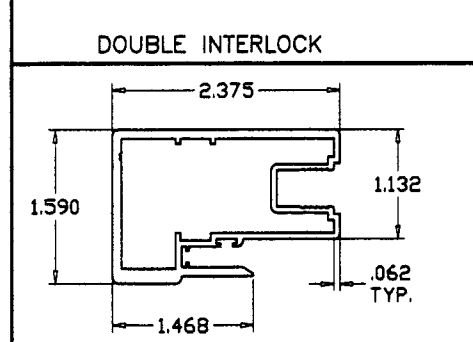
FRAME SILL (3) TRACK



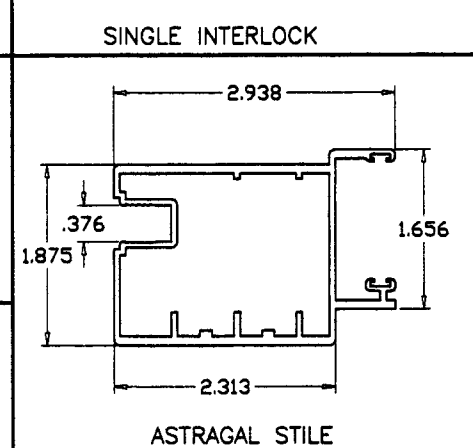
LOCK STILE



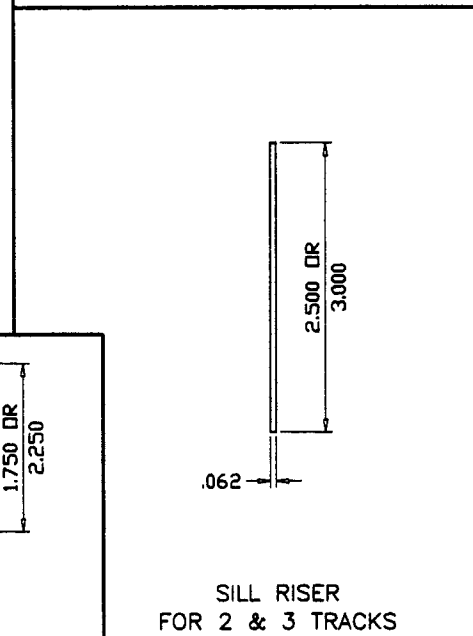
DOUBLE INTERLOCK



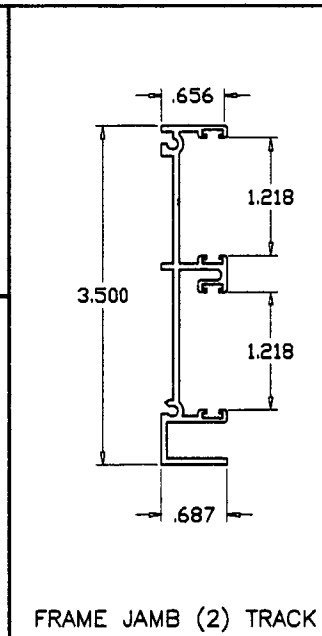
SINGLE INTERLOCK



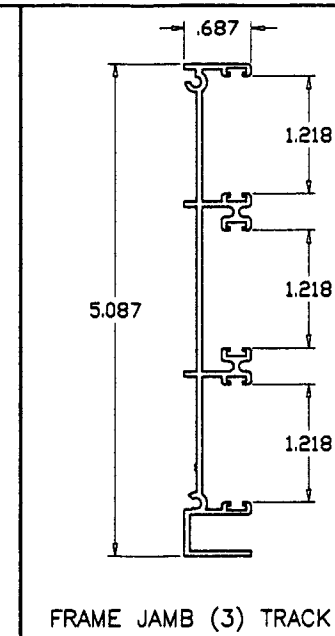
ASTRAGAL STILE



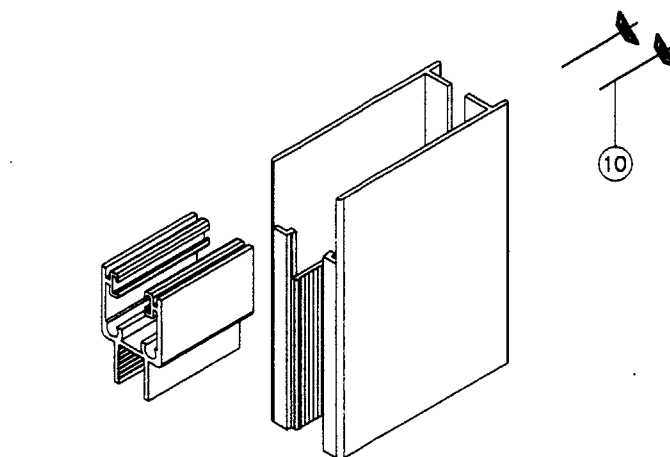
SILL RISER  
FOR 2 & 3 TRACKS



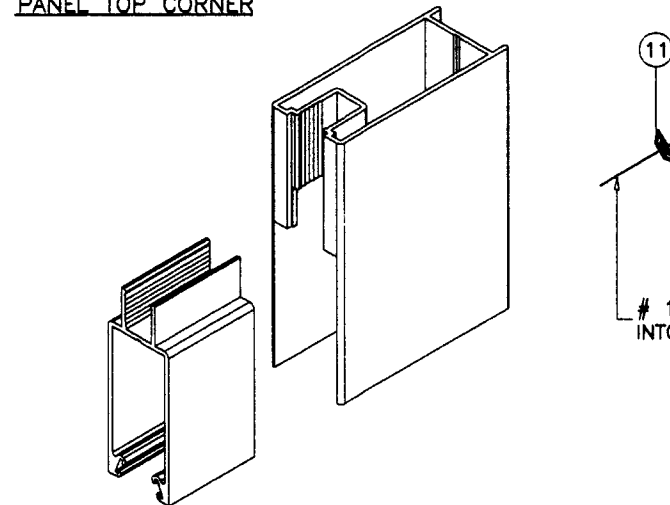
FRAME JAMB (2) TRACK



FRAME JAMB (3) TRACK

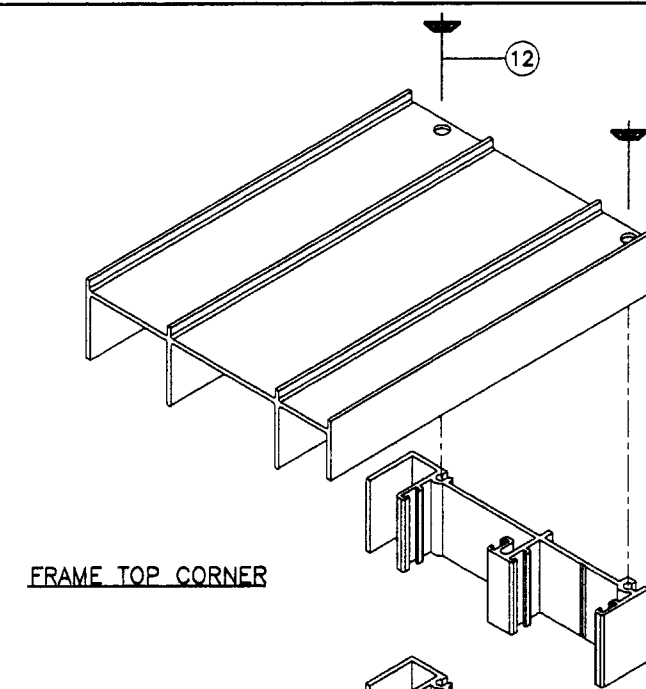


PANEL TOP CORNER

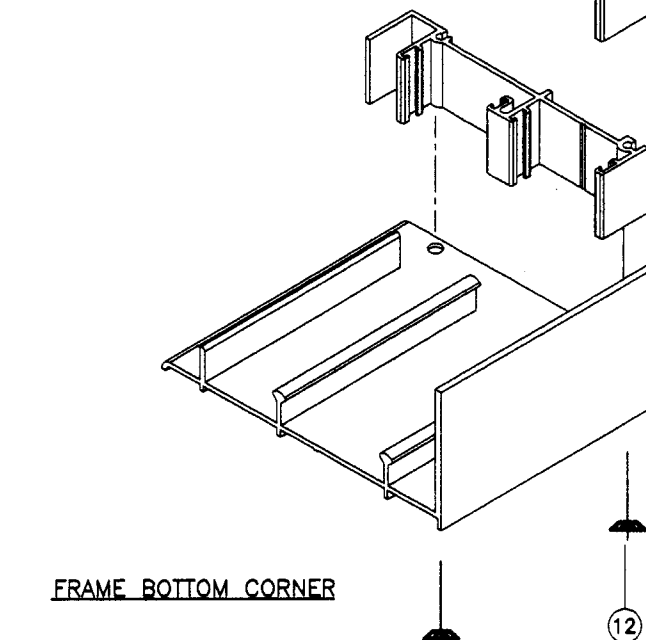


PANEL BOTTOM CORNER

# 10 X 1" SMS  
INTO ROLLER HOUSING



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
MAY 28 2002

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By: *Cherisse Berman*  
Miami Dade Product Control  
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date: 04-23-99  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W99-32**  
sheet 6 of 6